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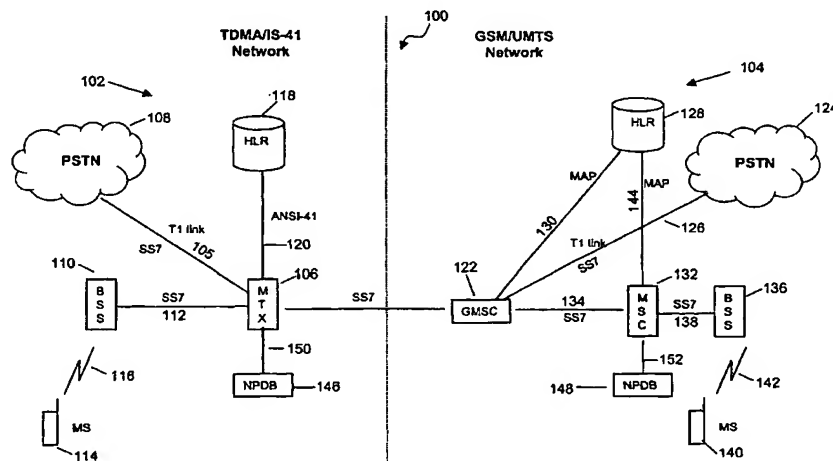
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**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES,

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR MINIMIZING CALL SETUP DELAY FOR CALLS OCCURRING IN ONE OR MORE WIRELESS NETWORKS



(57) Abstract: Provided is a method and system for minimizing call setup delay in a network (100). The system includes a central node (106, 132) that may be connected to multiple home location registers (HLRs) (118, 128) and a number portability database (NPDB) (146, 148). The central node may be associated with two tables. The first table includes mobile station identifiers and associated location routing numbers (LRNs), and the second table includes mobile station identifiers and associated home location registers (HLRs). The method searches the first and second tables for a mobile station identifier that matches a mobile station identifier associated with a call. If a match is found, the method uses the associated LRN or HLR to continue with the call setup or to obtain further information. If no match is found, the method sends a query to NPDB (146, 148). The method may also dynamically update the first and second tables as current information is obtained.



FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04Q 7/20

US CL : 455/445, 433

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 455/445, 432, 433, 560

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,161,017 A (BRITT et al.) 12 December 2000 (12.12.2000),	1-3,
---	(column 2, line 55 to column 3, line 33)	-----
Y	Abstract	4-6
X	US 6,192,242 B1 (ROLLENDER) 20 February 2002 (20.02.2002),	19
---	(column 3, lines 30-67)	-----
Y	(column 5 lines 1-9, lines 45-64)	8-13, 15-18, 20-23
	(column 4 lines 5-30)	
Y	US 6,240,293 B1 (KOSTER) 29 May 2001 (29.05.2001)	6, 13, 16-18, 20-23
	Whole Document	
X	US 6,064,887 A (KALLIONIEMI et al) 16 May 2000 (16.05.2000)	7
---	(column 5 and FIGURE 9, lines 5-9)	-----
Y	(column 9, lines 28-35)	4-6, 8-13, 15-18
	(column 10, lines 44-56)	



Further documents are listed in the continuation of Box C.



See patent family annex.

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"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

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